

Reference 4 Damage Caused by the Great East Japan Earthquake

As of March 31, 2018

2018/4/10
15:00公表

Municipality	Population [Census] [422.10]	Human toll						Residential damage				Nonresidential damage				
		Direct deaths		Missing persons		Injured		Completely destroyed (Underground floor) Buildings		Partially destroyed (Underground floor) Buildings			Partially damaged Buildings		Flooding under floor Buildings	
		Persons	Related deaths Persons	Total Persons	Persons	Persons	Major injuries Persons	Minor injuries Persons	Other Persons	Buildings	Persons		Buildings	Persons	Buildings	Buildings
Sender City	1,045,986	658	265	923	27	276	1,999	0	30,034	109,609	116,046	Investigation in progress	Investigation in progress			
Ishinomaki City	160,826	3,279	275	3,554	422	Unknown	Unknown	Unknown	20,043	13,049	19,948	3,667	Investigation in progress			
Shiogama City	56,490	24	18	42	0	2	8	0	672	3,278	6,993	266		1,615		
Kesennuma City	73,489	1,108	108	1,216	215	Unknown	Unknown	Unknown	8,483	2,571	4,761	Unknown		9,605		
Shiroishi City	37,422	0	1	1	0	0	18	0	40	566	2,171	0	Unknown			
Natori City	73,134	912	42	954	38	14	194	0	2,801	1,129	10,061	1,179		1,419		
Kakuda City	31,336	0	0	0	0	0	4	0	13	158	1,036	0		15		
Tagajo City	63,060	188	31	219	0	Unknown	Unknown	Unknown	1,746	3,730	6,166	1,075	Unknown			
Iwanuma City	44,187	180	6	186	1	7	286	0	736	1,606	3,086	114		3,126		
Tone City	83,969	0	10	10	3	12	40	0	201	1,801	3,362	3		823		
Kurihara City	74,932	0	1	1	0	6	544	0	58	372	4,552	3		48		
Higashimatsushima City	42,903	1,066	66	1,132	23	62	59	0	5,519	5,558	3,504	1,079		937		
Osaki City	135,147	2	5	7	0	79	147	0	596	2,434	9,138	0		328		
Zao Town	12,882	0	0	0	0	0	0	0	16	156	1,143	0		113		
Shichikashuku Town	1,694	0	0	0	0	0	0	0	0	0	10	0		0		
Ofagawa Town	23,530	0	2	2	0	0	0	1	10	148	1,333	0		117		
Murata Town	11,995	0	1	1	0	0	1	0	9	116	652	0		13		
Shibata Town	39,341	2	3	5	0	3	1	0	13	189	1,707	0	Unknown			
Kawasaki Town	9,978	0	0	0	0	0	0	0	0	14	460	0		0		
Marunori Town	15,501	0	0	0	0	0	1	0	1	38	513	0		22		
Watarai Town	34,845	265	18	283	4	2	43	0	2,389	1,150	2,048	274		3,020		
Yamamoto Town	16,704	680	20	700	18	9	81	Unknown	2,217	1,065	1,138	31		339		
Matsushima Town	15,085	2	5	7	0	3	34	0	221	1,785	1,561	91		125		
Shichigahama Town	20,416	76	3	79	2	Unknown	Unknown	Unknown	674	650	2,605	0		643		
Rifu Town	33,994	1	1	2	0	4	0	0	56	901	3,564	14	Unknown	166		
Taiwa Town	24,894	0	1	1	1	0	7	0	42	268	2,791	0				
Osato Town	8,927	1	0	1	0	1	4	0	50	274	791	0		210		
Tomiya Town	47,042	0	1	1	0	2	30	0	16	537	5,305	0		0		
Ohira Village	5,334	0	0	0	0	0	4	0	0	19	764	0		0		
Shikama Town	7,431	0	0	0	0	0	9	0	0	15	215	0		18		
Kami Town	25,527	0	0	0	0	0	33	0	8	35	749	0		22		
Wakaya Town	17,494	1	0	1	1	1	20	24	144	735	1,034	0		543		
Misato Town	25,190	0	2	2	0	19	48	0	129	627	3,130	0		1,705		
Onagawa Town	10,051	593	22	615	258	Unknown	Unknown	Unknown	2,924	349	661	Unknown		1,590		
Minamisanriku Town	17,429	600	20	620	211	Unknown	Unknown	Unknown	3,143	178	1,204	Unknown		234		
Total	2,348,165	9,638	927	10,565	1,224	502	3,615	28	83,004	155,130	224,202	7,796		26,796		

* 1: Above is listed the damage from aftershocks that occurred on April 7, July 25, August 19, and October 10, 2011, and on August 30 and December 7, 2012.

* 2: Utilities had been restored completely by December 11, 2011 (excluding the areas flooded by the tsunami).

* 3: All evacuation centers in the prefecture were closed on December 30, 2011.

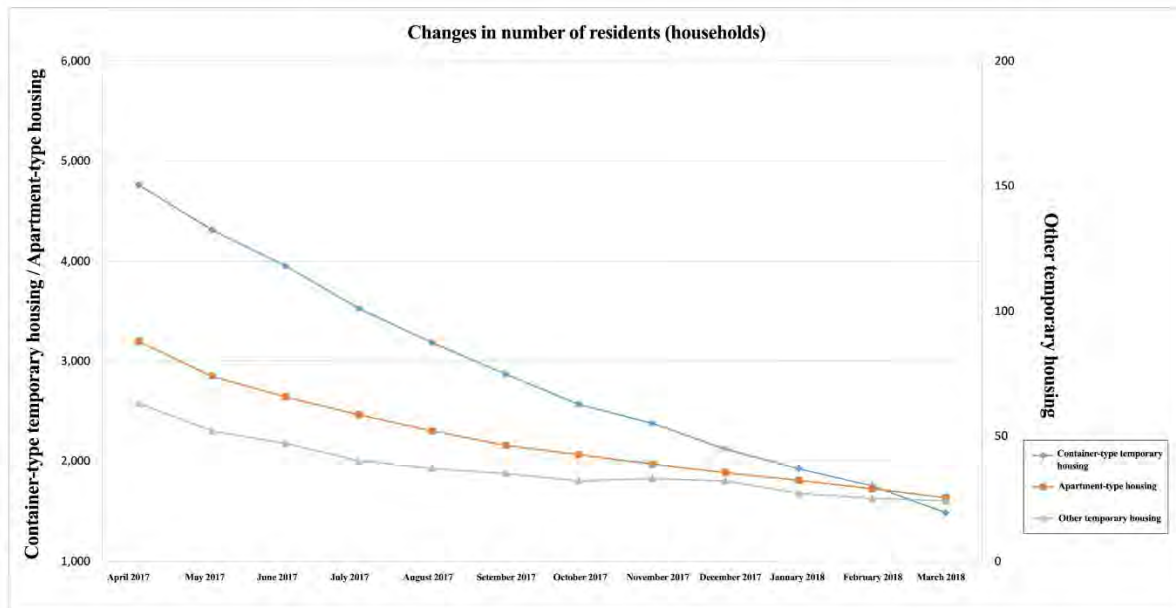
* 4: About the dead

* 5: "Direct deaths": Total of those who were confirmed in the affiliated municipality as having died because of the tsunami or the collapse of their houses.

* 6: "Related deaths": refers to the total number of deaths that were certified at the disaster confidence-petition review meetings, and no deaths that could be attributed to the earthquake disaster in other ways.

* 7: Damage to houses: Flooding on the ground floor is classified as housing that suffered partial destruction (from February 2013).

About the occupancy of emergency temporary housing based on the Disaster Relief Act (2017)



Changes in occupancy by month

(throughout the prefecture)

	Temporary emergency housing based on the Disaster Relief								
	Container-type temporary housing			Apartment-type temporary housing		Other temporary housing		Total	
	Number of households provided (units) ※2	Number of occupied households (units)	Number of occupants (persons)	Number of occupied households (number of contracts)	Number of occupants (persons)	Number of occupied households (units)	Number of occupants (persons)	Number of occupied households (units)	Number of occupants (persons)
April 2017	16,880	4,759	9,859	3,194	7,346	63	129	8,016	17,334
May 2017	16,857	4,309	8,889	2,846	6,506	52	103	7,207	15,498
June 2017	16,562	3,948	8,054	2,638	6,000	47	97	6,633	14,151
July 2017	15,992	3,525	7,148	2,462	5,574	40	82	6,027	12,804
August 2017	15,226	3,182	6,389	2,298	5,189	37	74	5,517	11,652
September 2017	14,764	2,867	5,717	2,155	4,854	35	68	5,057	10,639
October 2017	13,449	2,565	5,042	2,061	4,641	32	67	4,658	9,750
November 2017	12,474	2,375	4,664	1,967	4,421	33	72	4,375	9,157
December 2017	12,201	2,117	4,144	1,882	4,258	32	67	4,031	8,469
January 2018	11,128	1,922	3,744	1,804	4,069	27	59	3,753	7,872
February 2018	10,304	1,750	3,255	1,722	3,878	25	57	3,497	7,190
March 2018	10,235	1,481	2,878	1,631	3,678	24	56	3,136	6,612

* 1 Other temporary housing includes public housing, civil servant lodging, and rental housing.

* 2 The number of units offered (household) is the number of existing prefabricated temporary dwellings, excluding the number of units that were dismantled because of the implementation of the Disaster Prevention Group Relocation Promotion Project, etc., from the number of newly constructed units (22,095 units).

Emergency temporary housing . . .

・ Based on the Disaster Relief Act, the prefecture secures dwellings for disaster-stricken households who do not have residential houses because of having lost their homes in the Great East Japan Earthquake.

・ Under the Disaster Relief Act, we have constructed and provided temporary (container type) housing, but because the damage caused by the Great East Japan Great Earthquake was extensive, and many people lost their residences in the affected municipalities, we have also provided apartment-type housing through the prefecture as an alternative option. Existing housing resources such as public housing are also handled in the same way to maximize their effective use.

Provision of temporary housing (container-type housing) and occupancy status (as of March 31, 2018)

Miyagi Prefectural Health and Welfare Department Earthquake Support Office

Provision of temporary housing (container-type housing) and occupancy status (as of March 31, 2018)

	Unit: households										Meeting facilities					
	Maintenance status					Demolition status		Provision and occupancy status					Meeting halls (buildings)	Common rooms (units)	Total	
	Number of apartment complexes	Maintenance units (C) = (A)×(B)				Number of apartment complexes	Demolition units (D)	Number of apartment complexes	Number of units provided (E) = (C) - (D)	Number of occupied units (F)	Number of occupied units (人)	Occupancy rate for provided units (F)/(E)				Occupancy rate for developed units (F)/(C)
		Dwelling type (A)	Group home type													
			Elderly	Disability												
Sendai City	19	1,523	1,505	18		18	19	1,523	0	0	0		0	0	0	
Ishinomaki City	131	7,297	7,153	88	56	144	70	2,228	61	5,069	848	16.7%	31	18 (1)	49 (1)	
Shiogama City	7	206	206				7	206	0	0	0		0	0	0	
Kesennuma City	93	3,504	3,459	45		45	52	1,761	41	1,743	190	10.9%	11 (0)	28	39 (0)	
Natori City	8	910	889	16	5	21	3	168	5	742	165	22.2%	5	0	5	
Tagajo City	6	373	373				6	373	0	0	0		0	0	0	
Iwanuma City	3	384	384				3	384	0	0	0		0	0	0	
Higashinatsushima City	25	1,753	1,727	16	10	26	20	1,401	5	352	7	2.0%	4	2	6	
Watarai Town	5	1,126	1,126				5	1,126	0	0	0		0	0	0	
Yamamoto Town	11 (2)	1,030 (284)	1,030 (284)				11 (2)	1,030 (284)	0 (0)	0 (0)	0		0	0	0	
Shichigahama Town	7	421	421				7	421	0	0	0		0	0	0	
Onagawa Town	30 (1)	1,294 (189)	1,285 (189)	9		9	8	140 (189)	22 (1)	1,154 (189)	179	15.5%	6 (1)	14 (1)	20 (2)	
Mnamisanriku Town	58 (2)	2,195 (50)	2,168 (50)	27		27	39 (1)	1,020 (15)	19 (1)	1,175 (35)	92	7.8%	7 (1)	9 (1)	16 (2)	
Osato Town	1	15	15				1	15	0	0	0		0	0	0	
Mikato Town	2	64	64				2	64	0	0	0		0	0	0	
Total	406 (5)	22,095 (523)	21,805 (523)	219	71	290	253 (3)	11,860 (299)	153 (2)	10,235 (224)	1,481	14.5%	64 (2)	71 (3)	135 (5)	

* 1: Numbers in parentheses are included in emergency temporary housing and meeting facilities ordered by municipalities.

* 2: The number of emergency temporary housing units (E) that exist, from among the units that have been developed (C), excluding those that have been demolished by the Disaster Prevention Group Relocation Promotion Project (D).

* 3: Demolition status includes the demolition of structures where construction has begun and housing complexes where lease contracts have ended. In addition, the number of demolition units (D) includes some housing complexes.

* 4: For meeting facilities, the number of buildings and rooms in existing meeting places. (Common room units include vacant units in temporary housing.)

Temporary housing (apartment-style housing) by municipality

As of March 31, 2018

Municipality name	Number of occupied unites (number of contracts)	Number of occupants	Note
Sendai City	315	641	
Ishinomaki City	874	2,030	
Shiogama City	22	42	
Kesennuma City	72	196	
Shiroishi City	4	13	
Natori City	108	260	
Kakuda City	8	21	
Tagajo City	22	40	
Iwanuma City	9	13	
Tome City	10	23	
Kurihara City	3	8	
Higashimatsushima City	75	159	
Osaki City	41	81	
Tomiya City	10	19	
Zao Town	0	0	
Shichikashuku- Town	1	3	
Ogawara Town	4	8	
Murata Town	0	0	
Shibata Town	1	2	
Kawasaki Town	1	2	
Marumori Town	0	0	
Watari Town	1	4	
Yamamoto Town	0	0	
Matsushima Town	4	10	
Shichigahama Town	2	4	
Rifu Town	16	30	
Taiwa Town	5	11	
Osato Town	1	4	
Ohira Village	0	0	
Shikama Town	0	0	
Kami Town	0	0	
Wakuya Town	7	13	
Misato Town	9	20	
Onagawa Town	5	17	
Minamisanriku Town	1	4	
Total	1,631	3,678	

Reference 8 Development status of disaster public housing (as of March 31, 2018)

- As of the end of March 31, 2018, we have launched our project on disaster public housing in 21 cities and towns, 312 districts, and 15,823 households (± 0 units compared to the previous month).
- Of the disaster public housing whose construction began in 21 municipalities, 311 districts, and 15,675 households (± 0 units compared with the previous month), projects were completed for 21 municipalities, 310 districts, and 15,415 households (+ 54 units compared with the previous month).
- Information such as the location of each district and housing complex is posted on the web page of the Housing Department.
<http://www.pref.miyagi.jp/soshiki/juutaku/>
- Status of maintenance by municipalities

Municipality name	Number of units planned	Number of units at start of project		Number for which construction was begun		Number that were completed	
			Rate of progress		Rate of progress		Rate of progress
01 Sendai City	3,179 Units	3,179 Units	100.0%	3,179 Units	100.0%	3,179 Units	100.0%
02 Ishinomaki City	<u>4,456</u> Units	4,456 Units	100.0%	4,424 Units	99.3%	4,269 Units	95.8%
03 Shiogama City	390 Units	390 Units	100.0%	390 Units	100.0%	390 Units	100.0%
04 Kesennuma City	2,087 Units	2,087 Units	100.0%	2,087 Units	100.0%	2,087 Units	100.0%
05 Natori City	655 Units	655 Units	100.0%	639 Units	97.6%	534 Units	81.5%
06 Tagajo City	532 Units	532 Units	100.0%	532 Units	100.0%	532 Units	100.0%
07 Iwanuma City	210 Units	210 Units	100.0%	210 Units	100.0%	210 Units	100.0%
08 Tome City	84 Units	84 Units	100.0%	84 Units	100.0%	84 Units	100.0%
09 Kurihara City	15 Units	15 Units	100.0%	15 Units	100.0%	15 Units	100.0%
10 Higashimatsushima City	1,101 Units	1,101 Units	100.0%	1,001 Units	90.9%	1,001 Units	90.9%
11 Osaki City	170 Units	170 Units	100.0%	170 Units	100.0%	170 Units	100.0%
12 Watari Town	477 Units	477 Units	100.0%	477 Units	100.0%	477 Units	100.0%
13 Yamamoto Town	490 Units	490 Units	100.0%	490 Units	100.0%	490 Units	100.0%
14 Matsushima Town	52 Units	52 Units	100.0%	52 Units	100.0%	52 Units	100.0%
15 Shichigahama Town	212 Units	212 Units	100.0%	212 Units	100.0%	212 Units	100.0%
16 Rifu Town	25 Units	25 Units	100.0%	25 Units	100.0%	25 Units	100.0%
17 Osato Town	3 Units	3 Units	100.0%	3 Units	100.0%	3 Units	100.0%
18 Wakuya Town	48 Units	48 Units	100.0%	48 Units	100.0%	48 Units	100.0%
19 Misato	40 Units	40 Units	100.0%	40 Units	100.0%	40 Units	100.0%
20 Onagawa Town	859 Units	859 Units	100.0%	859 Units	100.0%	<u>859</u> Units	100.0%
21 Minamisanriku Town	738 Units	738 Units	100.0%	738 Units	100.0%	738 Units	100.0%
Total	15,823 Units	15,823 Units	100.0%	15,675 Units	99.1%	15,415 Units	97.4%

※ The planned number of houses may change because of the review of the supply plan for each municipality. On this occasion, we reviewed the number of units in Ishinomaki City (-244 units compared to the end of the previous month).
 ※ The numbers of units that are underlined are those that have changed since the end of the previous month.

○ Maintenance status by maintenance method

	Prefectural consignment	UR purchase	City/town construction	Private purchase	Private lease
Number of cities and towns	9 Town	8 Town	15 Town	10 Town	1 Town
Number of districts	27 Ward	41 Ward	59 Ward	192 Ward	8 Ward
Number of households	2,229 units	3,926 units	2,764 units	6,682 units	222 units

※ In cases where when the project has been carried out by several different methods within one district, total number of municipalities and districts are noted.